



Sequence Listing

Sequence listing

- <110> SCHRENZEL, Jacques
FRANCOIS, Patrice
CHARBONNIER, Yvan
JACQUET, Jean
UTINGER, Dominic
KRESBACH, Gerhard
ABEL, Andreas
EHRAT, Markus
- <120> Analytical chip with an array of immobilized specific recognition
elements for the determination of clinically relevant bacteria
and analytical method based thereon
- <130> 2005-0613A/WMC/01841
- <140> 10/530,910
<141> 2005-04-08
- <150> 02022631.2-1223
<151> 2002-10-09
- <160> 288
- <210> 1
<211> 19
<212> DNA
<213> Artificial
- <220>
<223> Probe for Enterobacter cloacae
- <400> 1
acgtcaattg ctgcggtta 19
- <210> 2
<211> 19
<212> DNA
<213> Artificial
- <220>
<223> Probe for staphylococcus aureus
- <400> 2
agcaagcttc tcgtccggt 19
- <210> 3
- <400> 3
000
- <210> 4
- <400> 4
000
- <210> 5

<400> 000	5
<210>	6
<400> 000	6
<210>	7
<400> 000	7
<210>	8
<400> 000	8
<210>	9
<400> 000	9
<210>	10
<400> 000	10
<210>	11
<400> 000	11
<210>	12
<400> 000	12
<210>	13
<400> 000	13
<210>	14
<400> 000	14
<210>	15
<400> 000	15
<210>	16
<400> 000	16
<210>	17
<400> 000	17
<210>	18

<400> 18
 000

 <210> 19
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Escherichia coli

 <400> 19
 agcaagccct tctgctggt 19

 <210> 20
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Escherichia coli

 <400> 20
 ggcagtctct ctttgagtt 19

 <210> 21
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Escherichia coli

 <400> 21
 tcagactacg cagcacttt 19

 <210> 22
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Enterococcus faecalis

 <400> 22
 gccatgcggc ataaactgt 19

 <210> 23
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Enterococcus faecalis

 <400> 23
 cgaaagcgcc tttcactct 19

 <210> 24

<211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Enterococcus faecalis
 <400> 24
 agataaccgtc aggggacgt 19

<210> 25
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Klebsiella pneumoniae
 <400> 25
 ttctctccca ctgaaagtg 19

<210> 26
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Klebsiella pneumoniae
 <400> 26
 ggtaacgtca atcgccaag 19

<210> 27
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Klebsiella pneumoniae
 <400> 27
 tgcgggtaac gtcaatcgc 19

<210> 28
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus epidermidis (excludes Staphylococcus aureus)
 <400> 28
 tcactattga accatgcgg 19

<210> 29
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Staphylococcus aureus* (excludes *Staphylococcus epidermidis*)

<400> 29
 ccgtcaagat gtgcacagt 19

<210> 30
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Pseudomonas aeruginosa*

<400> 30
 gatccccac tttctcct 19

<210> 31
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Streptococcus pneumoniae*

<400> 31
 tgtcatgcaa catccactc 19

<210> 32
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Streptococcus pneumoniae*

<400> 32
 cgtgaacgta gtgatggtc 19

<210> 33
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Propionibacterium acnes*

<400> 33
 tttcaaagcc gccaacccc 19

<210> 34
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Pseudomonas aeruginosa*

<400> 34
gcggtattag cgcccgttt 19

<210> 35
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Pseudomonas aeruginosa*

<400> 35
actttctccc tcaggacgt 19

<210> 36
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Propionibacterium acnes*

<400> 36
cccacaaaag cagggcctt 19

<210> 37
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Streptococcus pneumoniae*

<400> 37
ctggtagtga tgcaagtgc 19

<210> 38
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Streptococcus pneumoniae*

<400> 38
tctggtagtg atgcaagtg 19

<210> 39
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Streptococcus pneumoniae*

<400> 39
catctggtag tgatgcaag 19

<210> 40
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus pyogenes
 <400> 40
 taaattacta acatgcgtt 19

<210> 41
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus pyogenes
 <400> 41
 aattactaac atgcgttag 19

<210> 42
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus pyogenic consensus
 <400> 42
 aattgcacct tttaaata 19

<210> 43
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus pyogenic consensus
 <400> 43
 taacttcaga cttaaagaa 19

<210> 44
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus salivarius
 <400> 44
 aataaatgac atgtgtcat 19

<210> 45
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for Streptococcus salivarius
 <400> 45
 aaataaatga catgtgtca 19

<210> 46
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus salivarius consensus
 <400> 46
 ctatctctag aaatagcat 19

<210> 47
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus salivarius consensus
 <400> 47
 ctatctctag aaatagcat 19

<210> 48
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus sanguis
 <400> 48
 atgcaataat caattttat 19

<210> 49
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus sanguis
 <400> 49
 gcatctttca attaattat 19

<210> 50
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Enterobacter cloacae
 <400> 50
 ggtcttgcg cgttatgcg 19

<210> 51
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Staphylococcus consensus

 <400> 51
 cacttttgaa ccatgcggt 19

<210> 52
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Staphylococcus consensus

 <400> 52
 caccccaatc atttgtccc 19

<210> 53
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Bacteroides fragilis

 <400> 53
 gaacgcatcc ccatccttt 19

<210> 54
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Enterobacter agglomerans

 <400> 54
 ttcagtagta cggaatgc 19

<210> 55
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus dysgalactiae

 <400> 55
 ttgcaccttt taaatgaaa 19

<210> 56
 <211> 19

<212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus equinus
 <400> 56
 cttctttcaa gcatctaac 19

<210> 57
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus intermedius
 <400> 57
 gtatgaactt tccattctc 19

<210> 58
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus mitis
 <400> 58
 tctacttgca tgtattagg 19

<210> 59
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus mitis
 <400> 59
 aaaactctat ctctagagc 19

<210> 60
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus mitis consensus
 <400> 60
 accttttaag taaatgtca 19

<210> 61
 <211> 19
 <212> DNA
 <213> Artificial
 <220>

<223> Probe for Streptococcus mitis consensus

<400> 61
accttttaag taaatgtca 19

<210> 62
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Streptococcus mitis consensus

<400> 62
aattgcacct tttaagtaa 19

<210> 63
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Streptococcus mitis consensus

<400> 63
aattgcacct tttaagtaa 19

<210> 64
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Streptococcus mutans

<400> 64
cttgcatctt tcaatcaat 19

<210> 65
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Streptococcus mutans

<400> 65
attatcatgc aataattaa 19

<210> 66
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Streptococcus mutans consensus

<400> 66
tttaacttca gacttacta 19

<210> 67
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus mutans consensus

 <400> 67
 atctttcaat caattaaca 19

<210> 68
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus pneumonia

 <400> 68
 actagctaata acaacgtag 19

<210> 69
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus pneumonia

 <400> 69
 actagctaata acaacgtag 19

<210> 70
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus pneumonia consensus

 <400> 70
 aaagcctact atggttaag 19

<210> 71
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus pneumoniae

 <400> 71
 gtcacgaac atccactct 19

<210> 72
 <211> 19

<212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus pneumoniae
 <400> 72
 tgtcatgcaa catccactc 19

<210> 73
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus kloosii
 <400> 73
 tctataagtg atagcaagg 19

<210> 74
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus lugdunensis
 <400> 74
 agagttttac gatcctaag 19

<210> 75
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus saprophyticu
 <400> 75
 cacagttact tacacattt 19

<210> 76
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus saprophyticu
 <400> 76
 agttacttac acatttggt 19

<210> 77
 <211> 19
 <212> DNA
 <213> Artificial
 <220>

<223> Probe for *Staphylococcus sciuri*
 <400> 77
 ttcagttact aacaaattt 19

<210> 78
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Staphylococcus simulans*
 <400> 78
 gcatagttac ttacatcct 19

<210> 79
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Staphylococcus warneri*
 <400> 79
 ttcaatatgt tatccggtat 19

<210> 80
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Staphylococcus xylosus*
 <400> 80
 tctaaatggt atccggtat 19

<210> 81
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Stomatococcus mucilaginosus*
 <400> 81
 cagagttaaa ggtaggtta 19

<210> 82
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Streptococcus agalactiae*
 <400> 82
 taacatgtgt taattactc 19

<210> 83
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus agalactiae

 <400> 83
 atcagtctag tgtaaacac 19

<210> 84
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus agalactiae

 <400> 84
 ctcacagtc tagtgtaaa 19

<210> 85
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus anginosus consensus

 <400> 85
 acagtatgaa ctttcatt 19

<210> 86
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus anginosus consensus

 <400> 86
 tttcacttca gacttatct 19

<210> 87
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Streptococcus bovis consensus

 <400> 87
 tgtgttaaatt gctgttatg 19

<210> 88
 <211> 19

<212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus bovis consensus
 <400> 88
 cttcagactt attaaaccg 19

<210> 89
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus bovis consensus
 <400> 89
 cttcctatct cttagaata 19

<210> 90
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Streptococcus canis
 <400> 90
 gttcctaaca tgtgttaag 19

<210> 91
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Citrobacter freundii
 <400> 91
 tatcgaatta aaccacatg 19

<210> 92
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Burkholderia cepacia
 <400> 92
 tagaaccaag gatttcttt 19

<210> 93
 <211> 19
 <212> DNA
 <213> Artificial
 <220>

<223> Probe for *Bacteroides distasonis*
 <400> 93
 cttataaaag aggtttacg 19

 <210> 94
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Actinomyces meyeri*
 <400> 94
 cagtgaatat ccagtatta 19

 <210> 95
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Staphylococcus epidermidis*
 <400> 95
 cagcaaaacc gtctttcac 19

 <210> 96
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Serratia marcescen*
 <400> 96
 tcaattgatg agcgtatta 19

 <210> 97
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Pseudomonas aeruginosa*
 <400> 97
 gcggtattag cgcccgttt 19

 <210> 98
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Proteus mirabilis*
 <400> 98
 gtaacgtcaa ttgataagg 19

<210> 99
 <211> 19
 <212> DNA
 <213> Artificial
 .
 <220>
 <223> Probe for *PeptoStreptococcus consensus*
 ..
 <400> 99
 tagcagtttt aaatgctta 19
 .
 <210> 100
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Legionella pneumophila*
 <400> 100
 ttaatcagct cttaaccta 19
 <210> 101
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Klebsiella oxytoca*
 <400> 101
 ataaggttat taacctcac 19
 <210> 102
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Gemella haemolysans*
 <400> 102
 aacttttaaa catcaacca 19
 <210> 103
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Staphylococcus epidermidis*
 <400> 103
 acatcagcgt cagatacag 19
 <210> 104
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for Staphylococcus epidermidis
 <400> 104
 tcgcacatca gcgtcagat 19

<210> 105
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus epidermidis
 <400> 105
 ctattgaacc atgcggttc 19

<210> 106
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus haemolyticus
 <400> 106
 tagttactta cacgtatgt 19

<210> 107
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus hominis
 <400> 107
 tctataagtg atagcagag 19

<210> 108
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus hominis
 <400> 108
 tctataagtg atagcagag 19

<210> 109
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Enterobacter agglomerans

<400> 109
cgtaaggga tgatgactt 19

<210> 110
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Clostridium ramosum*

<400> 110
ctttgaggca cttttaata 19

<210> 111
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Citrobacter freundii*

<400> 111
tatcgaatta aaccacatg 19

<210> 112
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Bacteroides vulgatus*

<400> 112
tccttattca taaagtaca 19

<210> 113
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Bacteroides consensus*

<400> 113
tttccacata attcagttg 19

<210> 114
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Actinomyces meyeri*

<400> 114
ccagtgaata tccagtatt 19

<210>	115	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for Staphylococcus cohnii	
<400>	115	
	taaatggttat ccggcatta	19
<210>	116	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for Staphylococcus epidermidis	
<400>	116	
	catgcggttc aatatatta	19
<210>	117	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for Pseudomonas aeruginosa	
<400>	117	
	tgttccttcc tataatctac	19
<210>	118	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for Propionibacterium consensus	
<400>	118	
	ttaccttggtt acgacttag	19
<210>	119	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for PeptoStreptococcus consensus	
<400>	119	
	tgctggtaac taaagatag	19
<210>	120	
<211>	19	
<212>	DNA	
<213>	Artificial	

<220>
 <223> Probe for *Legionella pneumophila*
 <400> 120
 aatcagctct taacctatc 19

<210> 121
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Klebsiella pneumoniae*
 <400> 121
 ggtaacgtca atgaataag 19

<210> 122
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Gemella haemolysans*
 <400> 122
 tgtatagtta ctacacaat 19

<210> 123
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Eubacterium limosum*
 <400> 123
 aaaaccataa tataaggct 19

<210> 124
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterococcus faecalis*
 <400> 124
 gccactcctc tttccaatt 19

<210> 125
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterobacter agglomerans*

<400> 125
ggggatttca catcgactt 19

<210> 126
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Clostridium tertium

<400> 126
gctcctttaa ttacttctt 19

<210> 127
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Escherichia coli

<400> 127
cgctgaaagt acgtggctt 19

<210> 128
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Enterococcus faecali

<400> 128
ctttaagaga tttgcatga 19

<210> 129
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Enterobacter agglomerans

<400> 129
cctttgagtt cccaccatt 19

<210> 130
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Clostridium perfringens

<400> 130
tcaacattat gcggtatta 19

<210> 131
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Citrobacter freundii*
 <400> 131
 ttctcttagt ttatcactg 19

<210> 132
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Bacteroides ureolyticus*
 <400> 132
 attctttcct gataaaagg 19

<210> 133
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Bacteroides consensus*
 <400> 133
 cacataattc agttgcaat 19

<210> 134
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Acinetobacter junii*
 <400> 134
 aagagtatta gtctcagta 19

<210> 135
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Staphylococcus aureus*
 <400> 135
 aagcaagctt ctcgtccgt 19

<210> 136
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Staphylococcus epidermidis*
 <400> 136
 tgcggttcaa tatattatc 19

<210> 137
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Pseudomonas aeruginosa*
 <400> 137
 tcctatatct acgcatttc 19

<210> 138
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Propionibacterium consensus*
 <400> 138
 gttacgactt agtcctaata 19

<210> 139
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *PeptoStreptococcus anaerobi*
 <400> 139
 actttgatata atctacgat 19

<210> 140
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Lactobacillus consensus*
 <400> 140
 aagcaccatt cattattaa 19

<210> 141
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Haemophilus paraphrophilus*

<400> 141
tttcatctct cgattctac 19

<210> 142
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Fusobacterium varium*

<400> 142
atagctttca taaccaaatt 19

<210> 143
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Escherichia coli*

<400> 143
aacgcacatc atgcgtctt 19

<210> 144
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Enterococcus faecalis*

<400> 144
cgaaagcgcc tttcactct 19

<210> 145
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Haemophilus parainfluenzae*

<400> 145
agtctattaa actaaatgc 19

<210> 146
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for *Fusobacterium nucleatum*

<400> 146
tagctttcat aattctaag 19

<210> 147
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Escherichia coli*
 <400> 147
 aaccgactcc atgaagtcg 19

<210> 148
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterococcus faecali*
 <400> 148
 gagaagcttt aagagattt 19

<210> 149
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterobacter aerogenes*
 <400> 149
 caaggttatt aaccttaac 19

<210> 150
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Clostridium perfringens*
 <400> 150
 acattatgcg gtattaatc 19

<210> 151
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Citrobacter freundii*
 <400> 151
 cttcctctag tttatcact 19

<210> 152
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for Bacteroides thetaiotaomicron
 <400> 152
 ccgaaattct ttaataata 19

<210> 153
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Bacteroides consensus
 <400> 153
 cagtatcaac tgcaatttt 19

<210> 154
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Acinetobacter consensus
 <400> 154
 gagatgatat ccggtatta 19

<210> 155
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Escherichia coli
 <400> 155
 agcaagcttc tcgtccgtt 19

<210> 156
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus epidermidis
 <400> 156
 atgcggttca atatattat 19

<210> 157
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Pseudomonas aeruginosa

<400> 157
gttccttcct atatctacg 19

<210> 158
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Propionibacterium acnes

<400> 158
agttagccgg tgcttcttt 19

<210> 159
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for PeptoStreptococcus anaerobi

<400> 159
catgtattag taaactttt 19

<210> 160
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Lactobacillus consensus

<400> 160
ggatcaaact ctcatttta 19

<210> 161
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Haemophilus paraphrophilus

<400> 161
attaacgtca atttggtgt 19

<210> 162
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Fusobacterium nucleatum

<400> 162
taattctaag atgccttaa 19

<210> 163
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Pasteurella multocida*

 <400> 163
 gctatctatt taacaacat 19

 <210> 164
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Klebsiella pneumoniae*

 <400> 164
 cgggtaacgt caatcgatg 19

 <210> 165
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Haemophilus parainfluenzae*

 <400> 165
 ctagtctatt aaactaaat 19

 <210> 166
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Fusobacterium necrophorum*

 <400> 166
 aaaaccataa tatccggtg 19

 <210> 167
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Escherichia coli*

 <400> 167
 aattcgattt gagttttaa 19

 <210> 168
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for Enterococcus consensus

 <400> 168
 gatgaacatt ctactctca 19

<210> 169
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Enterobacter aerogenes

 <400> 169
 aaggttatta accttaacg 19

<210> 170
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Clostridium paraputrificum

 <400> 170
 ttttaattgct acttcatgc 19

<210> 171
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Citrobacter amalonaticus

 <400> 171
 aatggctaag gttattaac 19

<210> 172
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Bacteroides thetaiotaomicron

 <400> 172
 ccgaaattct ttaataata 19

<210> 173
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Bacteroides caccae

<400> 173
accgaatttc tttaatata 19

<210> 174
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Acinetobacter consensus

<400> 174
gagatgatat ccggtatta 19

<210> 175
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Staphylococcus aureus

<400> 175
cgtggctttc tgattaggt 19

<210> 176
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Salmonella enteritidis

<400> 176
gtatataatc ctgtttgct 19

<210> 177
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Pseudomonas aeruginosa

<400> 177
cttcctatat ctacgcatt 19

<210> 178
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Propionibacterium acnes

<400> 178
cccacaaaag cagggcctt 19

<210>	179	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Pasteurella multocida</i>	
<400>	179	
	taattaacgt caatgatgc	19
<210>	180	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Lactobacillus consensus</i>	
<400>	180	
	ctaaggttgt caaaagatg	19
<210>	181	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Providencia stuartii</i>	
<400>	181	
	cgttgatggt attaacatc	19
<210>	182	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Propionibacterium acne</i>	
<400>	182	
	caattccttt gagtttttag	19
<210>	183	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Neisseria flavescens</i>	
<400>	183	
	ccaactaact aatcagata	19
<210>	184	
<211>	19	
<212>	DNA	
<213>	Artificial	

<220>
 <223> Probe for *Klebsiella pneumoniae*
 <400> 184
 tgcgggtaac gtcaatcgc 19

<210> 185
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Haemophilus influenzae*
 <400> 185
 ttaacgtcaa tttgatgta 19

<210> 186
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Fusobacterium necrophorum*
 <400> 186
 catctagctt tcatgattc 19

<210> 187
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Escherichia coli*
 <400> 187
 tacttctttt ggacgaata 19

<210> 188
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Enterococcus consensus*
 <400> 188
 gagaagcttt aagagatta 19

<210> 189
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for *Eikenella corrodens*

<400> 189
actagctaat cagttatcg 19

<210> 190
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Clostridium innocuum

<400> 190
gctcagtcaa tttaaattc 19

<210> 191
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Citrobacter amalonaticus

<400> 191
aaggttatta accttaacc 19

<210> 192
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Bacteroides stercoris

<400> 192
aattctttaa taatcatcc 19

<210> 193
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Bacteroides caccae

<400> 193
tatgctatcg gatattaat 19

<210> 194
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Acinetobacter consensus

<400> 194
agatgatatc cggtattag 19

<210> 195
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus aureus
 <400> 195
 tagctaattgc agcgcgat 19

<210> 196
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Salmonella consensus
 <400> 196
 attctcatct ctgaaaact 19

<210> 197
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Providencia stuartii
 <400> 197
 caatcggtga tggatttaa 19

<210> 198
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Propionibacterium acnes
 <400> 198
 cccaaccgc cgaaacttt 19

<210> 199
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus aureus
 <400> 199
 gcaagaccgt ctttcactt 19

<210> 200
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Probe for salmonella consensus

 <400> 200
 tgatcaaact cttcaattt 19

 <210> 201
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Proteus vulgaris

 <400> 201
 gctaagagta ttaatctta 19

 <210> 202
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Aerococcus viridans

 <400> 202
 agaggacat aaggtatta 19

 <210> 203
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Neisseria flavescens

 <400> 203
 accaactaac taatcagat 19

 <210> 204
 <400> 204
 000

 <210> 205
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for Haemophilus influenzae

 <400> 205
 taacgtcaat ttgatgtac 19

 <210> 206
 <211> 19
 <212> DNA

<213> Artificial
 <220>
 <223> Probe for *Fusobacterium mortiferum*
 <400> 206
 tatagctttc atatgaatt 19

<210> 207
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Escherichia coli*
 <400> 207
 gatctctact ggaattcta 19

<210> 208
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterobacter cloacae*
 <400> 208
 acgtcaattg ctgcggtta 19

<210> 209
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Eikenella corrodens*
 <400> 209
 caactagcta atcagttat 19

<210> 210
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Clostridium innocuum*
 <400> 210
 gctcagtcaa tttaaattc 19

<210> 211
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Chryseomonas luteola*

<400> 211
caacgtatta ggttacaac 19

<210> 212
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Bacteroides ovatus

<400> 212
atatcatgcg atattcgta 19

<210> 213
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Alcaligenes faecalis

<400> 213
cactctttcg agtagttat 19

<210> 214
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Acinetobacter consensus

<400> 214
agatgatatc cggtattag 19

<210> 215
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Staphylococcus aureus

<400> 215
cacttttgaa ccatgcggt 19

<210> 216
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Salmonella consensus

<400> 216
ttctcatctc tgaaaactt 19

<210> 217
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Aeromonas hydrophila*

 <400> 217
 acagttgata cgtattagg 19

<210> 218
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Acinetobacter consensus*

 <400> 218
 ttttgagatt agcatccta 19

<210> 219
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Staphylococcus aureus*

 <400> 219
 tcgctgccct ttgtattgt 19

<210> 220
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Staphylococcus aureus*

 <400> 220
 tatctctaga gttgtcaaa 19

<210> 221
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Proteus vulgaris*

 <400> 221
 taagagtatt aatcttaac 19

<210> 222
 <211> 19
 <212> DNA

<213> Artificial
 <220>
 <223> Probe for *PeptoStreptococcus prevotii*
 <400> 222
 agagatcatt taagcttca 19
 <210> 223
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Morganella morganii*
 <400> 223
 aaggttatta accttgaca 19
 <210> 224
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Klebsiella pneumonia*
 <400> 224
 gatgaggtta ttaacctca 19
 <210> 225
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Haemophilus aphrophilus*
 <400> 225
 tacaagtact tacctgtta 19
 <210> 226
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Fusobacterium mortiferum*
 <400> 226
 atagctttca tatgaattt 19
 <210> 227
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Escherichia coli*

<400> 227
atgagcaaag tattagact 19

<210> 228
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Enterobacter cloacae

<400> 228
ggtcttgcca ctttatgcg 19

<210> 229
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Corynebacterium consensus

<400> 229
taaagtatgg tgcctatc 19

<210> 230
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Clostridium consensus

<400> 230
atgcgatact ctgatatta 19

<210> 231
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Capnocytophaga ochracea

<400> 231
gctttaatag ttgtgtgat 19

<210> 232
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Bacteroides fragilis

<400> 232
ggaacgcata cccatcctt 19

<210> 233
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Aeromonas hydrophila*

 <400> 233
 tcacagttga tacgtatta 19

<210> 234
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Acinetobacter consensus*

 <400> 234
 ctctggaaag ttcttacta 19

<210> 235
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Capnocytophaga consensus*

 <400> 235
 tcaattaatt gtttagtaat 19

<210> 236
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Bacteroides fragili*

 <400> 236
 tgtttagtaac taaagataa 19

<210> 237
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Aerococcus viridans*

 <400> 237
 gtggctttct gataagata 19

<210> 238
 <211> 19
 <212> DNA

<213> Artificial
 <220>
 <223> Probe for Acinetobacter consensus
 <400> 238
 tattaaccaa agtagcctc 19

<210> 239
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Shigella dysenteria
 <400> 239
 aaaggtatta actttactc 19

<210> 240
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus aureus
 <400> 240
 tatctaattcc tgtttgatc 19

<210> 241
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Proteus penneri
 <400> 241
 acgtcaattg ataaaggta 19

<210> 242
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for PeptoStreptococcus prevotii
 <400> 242
 gaagagatca tttaagctt 19

<210> 243
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Morganella morganii

<400> 243
caagggttatt aaccttgac 19

<210> 244
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for klebsiella pneumonia

<400> 244
taattccgat taacgctta 19

<210> 245
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Haemophilus aphrophilus

<400> 245
gtacaagtac ttacctgtt 19

<210> 246
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Fusobacterium consensus

<400> 246
attcctttga gtttcatac 19

<210> 247
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Escherichia coli

<400> 247
catgatcaaa ctctcaatt 19

<210> 248
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Enterobacter cloacae

<400> 248
ggtcttgca ctttatgcg 19

<210> 249
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Corynebacterium* consensus

 <400> 249
 catcgaatta atccacatg 19

 <210> 250
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Clostridium* consensus

 <400> 250
 tttcacatct gacttaaatt 19

 <210> 251
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Capnocytophaga* consensus

 <400> 251
 tctccaacta gctaataga 19

 <210> 252
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Bacteroides fragilis*

 <400> 252
 catcctttac cggaatcct 19

 <210> 253
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for CNS (Coagulase Negative Staphylococci) consensus

 <400> 253
 ttaccaacta gctaatacg 19

 <210> 254
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> Probe for *Clostridium bifermentans*

 <400> 254

ccgtattagt atacctttc 19

<210> 255
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Burkholderia cepacia

<400> 255
ctgtattaga accaaggat 19

<210> 256
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Bacteroides fragili

<400> 256
ctgcacttta ttcttatat 19

<210> 257
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Aerococcus viridans

<400> 257
gcttataggt agattcctt 19

<210> 258
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Acinetobacter calcoaceticus

<400> 258
ctgaaggat taacttcag 19

<210> 259
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Shigella dysenteria

<400> 259
gtatctctac aaggttctg 19

<210> 260
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Probe for Staphylococcus aureus

<400>	260	
cacagttact	tacacatat	19
<210>	261	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Proteus penneri</i>	
<400>	261	
taacgtcaat	tgataaagg	19
<210>	262	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>PeptoStreptococcus micros</i>	
<400>	262	
agaattcca	caaaaatca	19
<210>	263	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Moraxella osloensis</i>	
<400>	263	
caggtaacgt	ctaatactaa	19
<210>	264	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Klebsiella pneumonia</i>	
<400>	264	
atcgatgagg	ttattaacc	19
<210>	265	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Gemella morbillorum</i>	
<400>	265	
aaccaacttt	taaatatct	19
<210>	266	
<211>	19	
<212>	DNA	
<213>	Artificial	

<220>
 <223> Probe for *Fusobacterium* consensus
 <400> 266
 ctaagaatag ttttctgag 19
 <210> 267
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterococcus faeciu*
 <400> 267
 tttaagagat tagcttagc 19
 <210> 268
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterobacter agglomeran*
 <400> 268
 gtaacattct gatttacga 19
 <210> 269
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Corynebacterium* consensus
 <400> 269
 ctaaagtatg gtgtcctat 19
 <210> 270
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Clostridium clostridiiforme*
 <400> 270
 gaaaacttca tcttaattg 19
 <210> 271
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for *Enterococcus faecalis*
 <400> 271
 agataccgtc aggggacgt 19
 <210> 272
 <211> 19
 <212> DNA

<213> Artificial
 <220>
 <223> Probe for Enterobacter agglomerans
 <400> 272
 agaactcaag ctgccagtt 19
 <210> 273
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for CNS consensus
 <400> 273
 tagctcctaa taaatggtt 19
 <210> 274
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Citrobacter freundii
 <400> 274
 ccttcctcta gtttatcac 19
 <210> 275
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Burkholderia cepacia
 <400> 275
 gtattagaac caaggattt 19
 <210> 276
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Bacteroides fragili
 <400> 276
 acatactgca ctttattct 19
 <210> 277
 <211> 19
 <212> DNA
 <213> Artificial
 <220>
 <223> Probe for Staphylococcus aureus
 <400> 277
 agcagttact ctacaattt 19
 <210> 278

<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Acinetobacter baumannii</i>	
<400>	278	
	taggtattaa ctaaagtag	19
<210>	279	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Serratia marcescens</i>	
<400>	279	
	caattgatga gcgtattaa	19
<210>	280	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Pseudomonas aeruginosa</i>	
<400>	280	
	actttctccc tcaggacgt	19
<210>	281	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Proteus mirabilis</i>	
<400>	281	
	ggtaacgtca attgataag	19
<210>	282	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>PeptoStreptococcus micros</i>	
<400>	282	
	cgtcattatc ttctcatag	19
<210>	283	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Moraxella catarrhalis</i>	
<400>	283	
	actaagtatc agaagcaag	19

<210>	284	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Klebsiella pneumonia</i>	
<400>	284	
	tcaatcgatg aggttatta	19
<210>	285	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Gemella morbillorum</i>	
<400>	285	
	tagttactac atatccatt	19
<210>	286	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Fusobacterium consensus</i>	
<400>	286	
	tccgaactaa gaatagttt	19
<210>	287	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Enterococcus faecalis</i>	
<400>	287	
	ttatccccct ctgatgggt	19
<210>	288	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Probe for <i>Enterobacter agglomeran</i>	
<400>	288	
	gatgaagtat taatttcac	19